



CUSTOMER SPOTLIGHT Bismarck Air Medical & Bismarck Air On-Demand Charters

This quarter, our customer spotlight is focused on a locally owned small-business Bismarck Air Medical, LLC, and the life-saving services they provide our community.

Originally started as a part of Medcenter One's flight department, Bismarck Air Medical later became independent when the hospital was bought-out. Owners Fred Zeeb and Todd Porter branched the business out to help more people and upgraded their aircraft to Beechcraft KingAirs 200 and C90.

Today, they average around 120 medical flights a year and employ 25 professions, including pilots, nurses and paramedics. The airplanes are ready to fly 24 hours a day, seven days a week, to transport patients to anywhere in the United States. They also provide a very necessary service

The Bismarck Air Medical team loading equipment for a medical flight.



Bismarck Air Medical's KingAir 200 sitting on the KBIS ramp next to an Ambulance operated by sister company, Metro Area Ambulance Services.

to our business community offering on-demand executive charters 24/7. This on-demand service is unique to North Dakota, as their staff is available to fill the void when other companies close their doors at five o'clock.

Managing the fleet for Bismarck Air Medical is Director of Operations, Jon Ternes. Coming from a family of cops and serving eight years in the military, Jon had a calling to be in public service. "I have always wanted to help people and in this line of work, every situation is unique," said Jon. "The most rewarding part of what I do is helping someone out on what could be their worst day of their life. Whether it's them or a loved one, our team works to give them hope."

When every minute counts, it's easy to see how Jon and his team can help save lives. Williston, ND, is a five hour drive from Bismarck or 40-minute flight. St. Paul, MN, is over six hours away to drive or an hour and 5 minutes in one of the KingAirs. "We even go the extra mile to

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CUSTOMER SPOTLIGHT **Continued**

have one or two family members come with when we transport a patient, which is unique to our service. You just never know what can happen in some serious cases and it's important the patients are with their loved ones," explained Jon.

Along with providing these vital services to our community and the surrounding region, Bismarck Air Medical is involved with fundraisers and helping educate students on medical and aviation careers. "Each year, we like to participate in the Aviation Career Day, Bismarck and Mandan Fly-ins, Props and Hops, Career Day events at the Bismarck Career Academy, and any other event that can help build awareness. There have also been many times we take kids of all ages out to the hangars to look at the aircraft. They get excited for aviation and it helps them understand how we could use our aircraft and specialty equipment to save someone they love."

When the fleet is not out moving patients, Jon also manages sister-company Bismarck Air, which provide on-demand charters. "Chartering is always going to be quicker, but people are often surprised that it can sometimes be cheaper than going through the airlines. The KingAirs can hold up to nine people and there is no waiting in lines. Depending on winds, we can make it non-stop to anywhere in the United States and some destinations have smaller airports that we can get into where the airlines can not. Do your research and you might be surprised!"

When asked about what advice he would give someone looking to get into the air medical field, Jon had a very simple statement for all. "It's a unique job with everyday being different. It's stressful, but very rewarding. There is nothing quite like being a part of saving someone's life."

If you would like to learn more about Bismarck Air Medical or their charter capabilities visit their website at www.bismarckairmedical.com or call 701.202.7049.

SPOTTED ON THE RAMP

B-17 Sentimental Journey & B-25 Maid in the Shade



B-25 Maid in the Shade



B-17 Sentimental Journey



The Commemorative Air Force Crew

We had a great time hosting the B-17 and B-25 at the Bismarck Aero Center in July! The local community was able to visit and explore via a walking tour, and a some lucky folks were able to go for a ride.

A part of the historic Flying Legends of Victory Tour, these warbirds are

some of the rarest historic military aircraft in the world. All proceeds from the event supported the Commemorative Air Force and their mission to keep history alive.

BAC is a proud to be an Air Elite FBO & provide great service to all our customers.



We have some **NEW FACES**

CHRIS SUSIE Flightline Technician, Full-Time



Chris is no stranger to aviation. He first started working at Great Lakes Aviation in Spencer, IA, at the age of 15, and has been in aviation ever since! Chris has flown several aircraft, ranging from tail wheel to King Air and nearly everything in between. Chris has been sidelined from aviation for the past two years and is anxious to start the next chapter in his aviation career.

Starting with Bismarck Aero Center at the FBO for now, Chris aspires to shift his career focus from Professional Pilot to an A&P Maintenance Technician. Chris's extensive aviation knowledge will be a big help to keep moving our team in the right direction. Welcome back to the airport, Chris!

CLINT MAY Certified Flight Instructor, Part-Time

Clint and his family recently relocated to the Midwest from Washington State. Prior to their move, Clint was the Manager of a Part 141 flight school where he assigned students, supervised CFI's, ensured adherence to FAA regulations, and worked direct with several students as a CFI himself. During his tenure as Manager, Clint developed a reputation as a fair supervisor and an excellent CFI.

Prior to the Flight School, Clint spent six years in the U.S. Army, with responsibilities ranging from Platoon Leader, Comptroller, Logistics, and Aviation Operations Officer. Now that he and his family are back to the Midwest, Clint is anxious to stay current in aviation, while he pursues other educational opportunities. It is easy to see Clint's desire to provide a professional learning experience for all future pilots. Welcome to the team, Clint!



DREW MEISSNER Flightline Technician, Full-Time



Drew joins the Bismarck Aero Center FBO Team as Flightline Technician for the morning shift. Prior to BAC, Drew has been working as a Certified Nursing Assistant (CNA) at CHI St. Alexius and before that was a flightline technician. Even though he found CNA work to be very rewarding, there was something about the airport that kept calling him back.

Drew recently moved back to Bismarck and is looking to hit the ground running. His previous airport experience and determination to learn will make him a great fit for our team. Welcome aboard, Drew!

QUARTERLY RECAP

Look at all the fun we had!



1. Ray Brooks and Shae Helling got the opportunity of a lifetime flying in the B-25. Ray sat in the nose and Shae sat in the tail. 2. Congratulations to Kelly (Left) and Ryan (right) on your solo first solo flights! We are happy to see you succeed in following your dreams.

COME FLY WITH US Flight Instruction Tip

Pay attention to what your “seat” is telling you. If you had to select just one skill area to improve, it would have to be coordination. Just knowing when and how to use your feet in keeping the ball centered would put you in the top few percent of pilots who “*feel*” what the airplane is telling them through the seat of their pants. Keeping the ball centered results in an airplane that is not only more efficient but also flies a given line much more precisely. If you can’t feel it through your seat, please pay particular attention to the ball. A little time spent keeping the ball centered will pay big rewards and keep you safe in the long run.

Happy Flying!

Ray Brooks, Lead CFI

Interested in flight instruction at BAC?

Contact Ray: 701-223-4754 or rayb@bismarckaero.com

MAINTENANCE CORNER

It is the time of year when you need to keep a close eye on engine oil and CHT temperatures. If you are experiencing higher-than-normal oil temperatures or a uniform increase in CHT temperatures, you might want to consider looking over your engine baffling and baffle seals. Also, check the cowl flap operation, if your aircraft is equipped. Baffle seals get worn over time and can no longer provide a good seal if they are deteriorated. This will result in air flowing improperly through the engine compartment.

Another common issue is when the cowling is installed it is possible for the seal to “flip” and face the wrong way, allowing air to pass through so it is essential to make sure the baffling is facing the right way. Sometimes the baffling itself has problems which can lead to cooling issues. If there are holes or gaps in the baffling, they can also allow air to pass through areas where it should not. You should ensure that any holes are properly plugged and large gaps are properly sealed.

Other issues to look for are debris, such as birds’ nests on top of the engine or debris blocking the oil cooler. It is common for bugs to get stuck on the oil cooler fins, so it is a good idea to make sure they stay clean and free of debris. If a winterization plate was installed, make sure it is removed as well.

Keeping a well-maintained baffling system can help keep your engine at the optimum running temperature and prolong the life of the engine, which could save you a lot of money in the long run. If you are experiencing higher than normal temperatures, hopefully these tips help you troubleshoot the problem.

Happy Flying! Erik Peterson, Lead Maintenance Technician



THE FOURTH ANNUAL PROPS & HOPS



BEER 🍷 FOOD 🍷 MUSIC

OCTOBER 1 🍷 2020 🍷 6:30-9:00 PM
MANDAN AERO CENTER

FIND TICKETS & EVENT INFO AT
FACEBOOK.COM/MANDAN.AERO.CENTER

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PRODUCT SPOTLIGHT

TXi Flight Display Enhancements

You don't need to full instrument panel upgrade to enhance the information you get in the cockpit. Coming out this fall, Garmin is bringing more capability to the cockpit with G500 TXi and G600 TXi flight display upgrades. Cirrus SR20/22 aircraft with Avidyne displays or original flight instruments can now upgrade to display engine information. Additional enhancements to the TXi series include DFC90 autopilot compatibility, new multi-function display layouts, the display of additional engine parameters and much more.

The 10.6 inch TXi flight display now feature a MFD/EIS layout, showing EIS data in a single strip on either side of the flight display and only occupies 20% of the display. Pilots have the option of displaying moving map information on the remaining 80% or can split it into two windows to show the moving map and an approach chart!

Cirrus owners making this easy upgrade will receive engine information such as percent power, turbocharged engine information and support for electrical gauges displaying up to six parameters. The TXi can also provide G500/G600 pilots valuable information such fuel quantity, fuel imbalance caution and, when paired with the GTN/GTN Xi series, the system can perform automatic GPS-to-LOC switching.

If you have any questions about this Garmin Upgrade, please make sure to call me at 701.223.4754 or email krish@bismarckaero.com

The Tech Guy, Kris Hexom

UPCOMING EVENTS

Postponed to 2021

Bismarck Fly-In (KBIS)

October 1st

Props & Hops Fundraiser (Mandan Airport)

Oct. 20th

International Day of ATC

Dec. 17th

Birthday of Aviation



TRIVIA

In 2019, we saw the dawn of the super-haul flight, with non-stop routes between the U.S. and Asia, and Europe and Australia. The current longest flight in the world is flown by Singapore Airlines from Singapore Changi International Airport and Newark Liberty International Airport. How many miles/hours does it take to complete this flight?

- A. 11,100 miles/21 hours** **C. 9,500 miles/19 hours**
B. 10,500 miles/20.5 hours **D. 8,750 miles/16.5 hours**

Submit your answer by 9/25 for a chance to win a \$25 gift card! Contact Shae Helling at shaeh@bismarckaero.com.

The answer to our previous trivia question is B. The mechanic who made the first flight possible by building the first successful aircraft engine was Charlie Taylor. The FAA awards the Charles Taylor Master Mechanic Award to honor aircraft mechanics for lifetime accomplishments. Congratulations to Jeff Faught, our lucky winner this quarter!

Photo courtesy of Singapore Airlines

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